

CLAIMS

1. A method for improving a crystalline titanosilicate catalyst having an MWW structure, characterized in that it comprises treating the crystalline titanosilicate catalyst
5 having a MWW structure with a silylating agent.

2. A method according to claim 1, wherein the crystalline titanosilicate catalyst having an MWW structure is a catalyst containing Ti having been incorporated during crystallization.
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3. A method according to claim 1 or 2, wherein the catalyst is a catalyst used for epoxidation reaction of an olefin with hydrogen peroxide, or hydroxylation reaction of a benzene or a phenol compound with hydrogen peroxide.
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4. A method according to claim 1 or 2, wherein the catalyst is a catalyst used for the epoxidation reaction of propylene with hydrogen peroxide.

20 5. A method according to claim 1 or 2, wherein the catalyst is a catalyst used for a reaction utilizing a nitrile compound as a solvent.